

Claims

1. Transponder comprising an integrated circuit (1) and an antenna (5) electrically connected in a detachable manner to said integrated circuit (1), characterized in that said detachable electrical connection comprises at least one intermediate connecting element (4).

2. Transponder according to the preceding claim, said antenna (5) being electrically connected to said integrated circuit (1) in such a manner as to be able to move said antenna (5) relative to said integrated circuit (1) without interrupting said electrical connection.

3. Transponder according to one of the preceding claims, said electrical connection being at least partially implemented by conductive wires (50).

4. Transponder according to the preceding claim, said wires (50) being free.

5. Transponder according to one of the preceding claims, said intermediate connecting element (4) comprising at least one fastening element (41) that guarantees its exact positioning.

6. Transponder according to one of the preceding claims, said electrical connection being implemented across detachable contacts (10, 40), positioning of at least one portion of said detachable contacts (40) being guaranteed by said intermediate connecting element (4).

7. Transponder according to the preceding claim, said at least one portion of said detachable contacts (40) being located on said intermediate connecting element (4).

8. Transponder according to one of the claims 6 or 7, said detachable contacts consisting of contact zones (10, 40) being able to come into contact two by two by pressing one of said two contact zones (10) against the second of said two contact zones (40).

9. Transponder according to one of claims 6 to 8, said intermediate connecting element consisting of a printed circuit (4), said at least one portion of said detachable contacts consisting of contact zones (40) on the first surface of said printed circuit (4).

10. Transponder according to the preceding claim, said printed circuit (4) comprising mounting holes (41), the relative position of said mounting holes relative to said at least one portion of said detachable contacts (40) being predetermined with precision.

11. Transponder according to one of claims 9 or 10, comprising on the surface opposite said first surface of said printed circuit (4) permanent contact zones (42) allowing connection of the antenna (5) in a fixed manner, each of these permanent contact zones (42) being electrically connected to one of said contact zones (40) via a path (43) through said printed circuit (4).

12. Transponder according to one of the preceding claims, said antenna consisting of a coil (5) with ends (50) attached to said intermediate connecting element (4).

13. Tool (2) for reading and/or writing data in the integrated circuit (1) of a transponder or for testing of the integrated circuit (1) of a transponder, wherein it comprises contact zones (20) that allow connection of said integrated circuit (1) in a detachable manner to an antenna (21) that can interoperate with said integrated circuit (1).

14. Tool (2) according to the preceding claim, comprising said antenna (2).

15. Tool (2) according to the preceding claim, comprising, moreover, a reading antenna (22) designed to communicate with said antenna (21).

16. Tool (2) according to one of claims 13 to 15, the movement of said contact zones (20) during the connection to said integrated circuit being guided using at least one guide.

17. Tool (2) according to the preceding claim, said at least one guide comprising a horizontal axis of rotation.